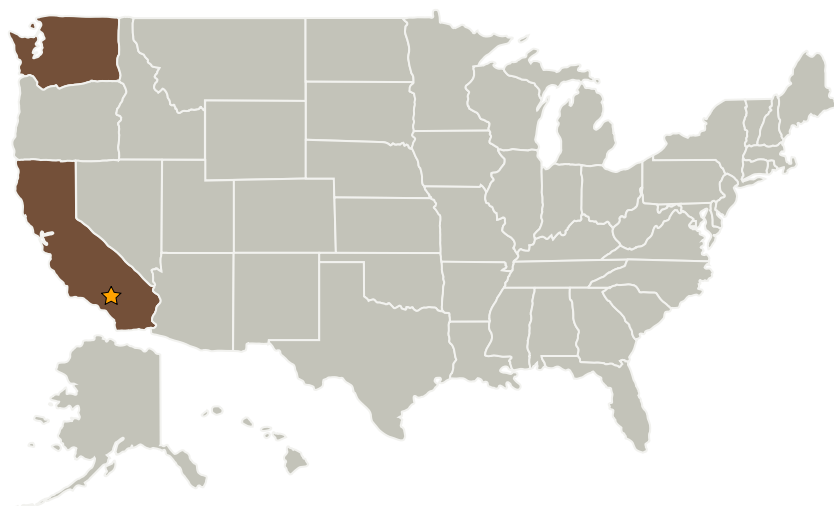


Solution based 3-D Mesh adaptation for Heat and Mass predictions,  
Phase I

Completed Technology Project (2001 - 2002)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★Armstrong Flight Research Center(AFRC)	Lead Organization	NASA Center	Edwards, California
Cascade Engineering Services, Inc.	Supporting Organization	Industry	Redmond, Washington

## Primary U.S. Work Locations

California	Washington
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Solution based 3-D Mesh adaptation for Heat and Mass predictions, Phase I

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## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Armstrong Flight Research Center (AFRC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

# Solution based 3-D Mesh adaptation for Heat and Mass predictions, Phase I

Completed Technology Project (2001 - 2002)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Philip Diwakar

## Technology Areas

**Primary:**

- TX01 Propulsion Systems
  - └ TX01.2 Electric Space Propulsion
    - └ TX01.2.4 Electrothermal